

AMENDMENTS

1. Cancelled
2. (Currently Amended) A computer-implemented method ~~in a computing system for managing enterprise data, the method~~ comprising:
 - managing enterprise data, wherein said managing enterprise data comprises
 - extracting enterprise information in a first form ~~[[that]]~~ , wherein the first form is associated with a first source computerized system;
 - converting the enterprise information in the first form into first corresponding information ~~[[that]]~~ , wherein the first corresponding information is in an intermediate form;
 - converting the ~~enterprise corresponding~~ information ~~in the intermediate form~~ into first enterprise information ~~a target form that corresponds to a target computerized system,~~ wherein
 - the first enterprise information is in a target form,
 - the target form corresponds to a target computerized system,
 - the intermediate form ~~includes~~ comprises a plurality of common data type elements ~~[[that]]~~ , and
 - the common data type elements are adapted to be shared across a plurality of data objects in the intermediate form;
 - extracting enterprise information in a third form ~~[[that]]~~ , wherein
 - the third form is associated with a second source computerized system
 - [[that]] , and
 - the second source computerized system is distinct from the first source computerized system;
 - converting the enterprise information in the ~~[[first]]~~ third form into ~~enterprise~~ second corresponding information ~~[[that]]~~ , wherein the second corresponding information is in the intermediate form; and

converting the ~~enterprise~~ second corresponding information ~~in the intermediate form~~ into second enterprise information, wherein the second enterprise information is in the target form.

3. (Currently Amended) The method of Claim 2, wherein the common data type elements ~~include~~ comprise one or more elements comprising:

- an application element;
- a fault handler input element;
- a fault handler output element;
- a fault transformer input element;
- a fault transformer output element;
- a list of application instance element;
- a list of application type element;
- a list of ID cross-reference element;
- a list of ID cross-reference data element;
- a list of message definition element;
- a list of message text element;
- a list of value cross-reference element;
- a list of value cross-reference data element;
- a message element;
- a message set element;
- an activity type element;
- an address type element;
- an alternate ID type element;
- a communication data type element;
- a data cleansing data type element; and
- a payment card type element.

4. (Currently Amended) The method of Claim 3, wherein the application element ~~includes~~ comprises one or more elements comprising:

- an application instance name element;

an application type name element; and
an application instance description element.

5. **(Currently Amended)** The method of Claim 3, wherein the fault handler input element **includes comprises** one or more elements or sub-elements comprising:

- an error type element;
- an error language element;
- an error severity element;
- an error flow name element;
- an error flow context element;
- a process name element;
- a message set element;
- a plurality of message text sub-elements; and
- a plurality of child message set sub-elements.

6. **(Currently Amended)** The method of Claim 3, wherein the fault handler output element **includes comprises** a message text element.

7. **(Currently Amended)** The method of Claim 3, wherein the fault transformer input element **includes comprises** one or more elements or sub-elements comprising:

- an error type element;
- an error language element;
- an error severity element;
- an error flow name element;
- an error flow context element;
- a process name element;
- a message set element;
- a plurality of message text sub-elements; and
- a plurality of child message set sub-elements.

8. **(Currently Amended)** The method of Claim 3, wherein the fault transformer output element **includes comprises** a message text element.

9. **(Currently Amended)** The method of Claim 3, wherein the list of application instance element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of application instance definition elements;
- an application instance name sub-element;
- an application type name sub-element;
- an application instance description sub-element;
- a list of one-to-many ID cross-reference sub-element;
- a plurality of ID cross-reference sub-elements;
- an ID cross-reference name sub-element; and
- an ID cross-reference description sub-element.

10. **(Currently Amended)** The method of Claim 3, wherein the list of application type element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of application type elements;
- an application type name sub-element; and
- an application type description sub-element.

11. **(Currently Amended)** The method of Claim 3, wherein the list of ID cross-reference element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of ID cross-reference elements;
- an ID cross-reference name sub-element; and
- an ID cross-reference description sub-element.

12. **(Currently Amended)** The method of Claim 3, wherein the list of ID cross-reference data element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of ID cross-reference elements;
- a plurality application instance sub-elements; and
- a plurality application ID sub-elements.

13. **(Currently Amended)** The method of Claim 3, wherein the list of message definition element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of message definition elements;

- a message code sub-element;
- a message description sub-element;
- a message corrective action sub-element; and
- a message argument name sub-element.

14. **(Currently Amended)** The method of Claim 3, wherein the list of message text element **~~includes~~ comprises** a plurality of message text elements.

15. **(Currently Amended)** The method of Claim 3, wherein the list of value cross-reference element **~~includes~~ comprises** one or more elements or sub-elements comprising:

- a plurality of value cross-reference elements;
- a value cross-reference name sub-element; and
- a value cross-reference description sub-element.

16. **(Currently Amended)** The method of Claim 3, wherein the list of value cross-reference data element **~~includes~~ comprises** one or more elements or sub-elements comprising:

- a plurality of value cross-reference elements;
- a plurality application type sub-elements; and
- a plurality application value sub-elements.

17. **(Currently Amended)** The method of Claim 3, wherein the message set element **~~includes~~ comprises** one or more elements or sub-elements comprising:

- a plurality of message text elements; and
- a plurality of child message set elements.

18. **(Currently Amended)** The method of Claim 3, wherein the activity type element **~~includes~~ comprises** one or more elements or sub-elements comprising:

- an activity published code element;
- an activity comment element;
- an activity duration element;
- an activity end date element;
- an activity number element;

- an activity reason code element;
- an activity start date element;
- an activity task description element;
- an activity type code element;
- an activity planned duration sub-element;
- an activity actual duration sub-element;
- an activity actual date sub-element;
- an activity actual time sub-element;
- an activity planned date sub-element; and
- an activity planned time sub-element.

19. **(Currently Amended)** The method of Claim 3, wherein the address type element **includes comprises** one or more elements or sub-elements comprising:

- a plurality of address line elements;
- an address city element;
- an address state code element;
- an address county element;
- an address province element;
- an address country code element;
- an address house number element;
- an address house prefix element;
- an address house suffix element;
- an address postal code element;
- an address street direction element;
- an address street name element;
- an address street number element;
- an address street prefix number element;
- an address street prefix type element;
- an address street suffix element;
- an address thoroughfare element;
- an address list of location designator element;

a plurality of address location designator sub-elements;
an address location designator name sub-element; and
an address location designator value sub-element.

20. **(Currently Amended)** The method of Claim 3, wherein the alternate ID type element ~~includes~~ **comprises** one or more elements comprising:

an ID element; and
an ID type element.

21. **(Currently Amended)** The method of Claim 3, wherein the communication data type element ~~includes~~ **comprises** one or more elements or sub-elements comprising:

a list of phone number element;
a list of email element;
a list of web page element;
a custom communication data element;
a phone number sub-element;
an email sub-element;
a web page sub-element;
a phone number area code sub-element;
a phone number country code sub-element;
a phone number full number sub-element;
a phone number extension sub-element;
a phone number international access code sub-element;
a phone number number sub-element;
a phone number type code sub-element;
an email type sub-element;
an email address sub-element;
a web page type sub-element; and
a web page address sub-element.

22. **(Currently Amended)** The method of Claim 3, wherein the data cleansing type element ~~includes~~ **comprises** a disable cleansing flag element.

23. (Currently Amended) The method of Claim 3, wherein the payment card type element ~~includes~~ comprises one or more elements comprising:

- a payment card type element;
- a payment card number element;
- a payment card holder element;
- a payment card expiration year element;
- a payment card expiration month element; and
- a payment card verification number element.

24. (Currently Amended) ~~A computer-readable medium carrying one or more sequences of instructions for managing enterprise data, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform~~ computer program product comprising:

one or more sequences of instructions, wherein the one or more sequences of instructions are configured to cause a processor to manage enterprise data, by virtue of being configured to cause the processor to
extracting extract enterprise information in a first form [[that]] ,
wherein the first form is associated with a first source computerized system~~[[;]]~~ ,
~~converting convert~~ the enterprise information in the first form into first corresponding information [[that]] , wherein the first corresponding information is in an intermediate form~~[[;]]~~ ,
~~converting convert~~ the enterprise corresponding information ~~in the intermediate form~~ into first enterprise information a target form that corresponds to a target computerized system,
 wherein
first enterprise information is a target form,
the target form corresponds to a target computerized system,
 the intermediate form ~~includes~~ comprises a plurality of common data type elements [[that]] , and

the common data type elements are adapted to be shared across a plurality of data objects in the intermediate form[[;]] ,
extracting extract enterprise information in a **[[first]] third** form **[[that]]** ,
, wherein
the third form is associated with a second source computerized system **[[that]]** , and
the second source computerized system is distinct from the first source computerized system[[;]] ,
converting convert the enterprise information in the third form into **enterprise second corresponding** information **[[that]]** , wherein
the second corresponding information is in the intermediate form[[;]] , and
converting convert the **enterprise second corresponding** information ~~in~~ **the intermediate form** into second enterprise information,
wherein the second enterprise information is in the target form;
and
computer readable storage media, wherein the computer program product is encoded in the computer readable storage media.

25. (Currently Amended) The ~~computer-readable medium~~ computer program product of Claim 24, wherein the common data type elements ~~include~~ comprise one or more elements comprising:

- an application element;
- a fault handler input element;
- a fault handler output element;
- a fault transformer input element;
- a fault transformer output element;
- a list of application instance element;
- a list of application type element;
- a list of ID cross-reference element;
- a list of ID cross-reference data element;

- a list of message definition element;
- a list of message text element;
- a list of value cross-reference element;
- a list of value cross-reference data element;
- a message element;
- a message set element;
- an activity type element;
- an address type element;
- an alternate ID type element;
- a communication data type element;
- a data cleansing data type element; and
- a payment card type element.

26. **(Currently Amended)** The ~~computer-readable-medium~~ computer program **product** of Claim 25, wherein the application element ~~includes~~ comprises one or more elements comprising:

- an application instance name element;
- an application type name element; and
- an application instance description element.

27. **(Currently Amended)** The ~~computer-readable-medium~~ computer program **product** of Claim 25, wherein the fault handler input element ~~includes~~ comprises one or more elements or sub-elements comprising:

- an error type element;
- an error language element;
- an error severity element;
- an error flow name element;
- an error flow context element;
- a process name element;
- a message set element;
- a plurality of message text sub-elements; and

a plurality of child message set sub-elements.

28. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the fault handler output element ~~includes~~ comprises a message text element.

29. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the fault transformer input element ~~includes~~ comprises one or more elements or sub-elements comprising:

- an error type element;
- an error language element;
- an error severity element;
- an error flow name element;
- an error flow context element;
- a process name element;
- a message set element;
- a plurality of message text sub-elements; and
- a plurality of child message set sub-elements.

30. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the fault transformer output element ~~includes~~ comprises a message text element.

31. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the list of application instance element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of application instance definition elements;
- an application instance name sub-element;
- an application type name sub-element;
- an application instance description sub-element;
- a list of one-to-many ID cross-reference sub-element;
- a plurality of ID cross-reference sub-elements;

an ID cross-reference name sub-element; and
an ID cross-reference description sub-element.

32. (Currently Amended) The ~~computer-readable medium~~ computer program product of Claim 25, wherein the list of application type element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of application type elements;
- an application type name sub-element; and
- an application type description sub-element.

33. (Currently Amended) The ~~computer-readable medium~~ computer program product of Claim 25, wherein the list of ID cross-reference element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of ID cross-reference elements;
- an ID cross-reference name sub-element; and
- an ID cross-reference description sub-element.

34. (Currently Amended) The ~~computer-readable medium~~ computer program product of Claim 25, wherein the list of ID cross-reference data element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of ID cross-reference elements;
- a plurality application instance sub-elements; and
- a plurality application ID sub-elements.

35. (Currently Amended) The ~~computer-readable medium~~ computer program product of Claim 25, wherein the list of message definition element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of message definition elements;
- a message code sub-element;
- a message description sub-element;
- a message corrective action sub-element; and
- a message argument name sub-element.

36. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the list of message text element ~~includes~~ comprises a plurality of message text elements.

37. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the list of value cross-reference element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of value cross-reference elements;
- a value cross-reference name sub-element; and
- a value cross-reference description sub-element.

38. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the list of value cross-reference data element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of value cross-reference elements;
- a plurality application type sub-elements; and
- a plurality application value sub-elements.

39. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the message set element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a plurality of message text elements; and
- a plurality of child message set elements.

40. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the activity type element ~~includes~~ comprises one or more elements or sub-elements comprising:

- an activity published code element;
- an activity comment element;
- an activity duration element;
- an activity end date element;
- an activity number element;

- an activity reason code element;
- an activity start date element;
- an activity task description element;
- an activity type code element;
- an activity planned duration sub-element;
- an activity actual duration sub-element;
- an activity actual date sub-element;
- an activity actual time sub-element;
- an activity planned date sub-element; and
- an activity planned time sub-element.

41. **(Currently Amended)** The ~~computer-readable medium~~ **computer program product** of Claim 25, wherein the address type element ~~includes~~ **comprises** one or more elements or sub-elements comprising:

- a plurality of address line elements;
- an address city element;
- an address state code element;
- an address county element;
- an address province element;
- an address country code element;
- an address house number element;
- an address house prefix element;
- an address house suffix element;
- an address postal code element;
- an address street direction element;
- an address street name element;
- an address street number element;
- an address street prefix number element;
- an address street prefix type element;
- an address street suffix element;
- an address thoroughfare element;

- an address list of location designator element;
- a plurality of address location designator sub-elements;
- an address location designator name sub-element; and
- an address location designator value sub-element.

42. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the alternate ID type element ~~includes~~ comprises one or more elements comprising:

- an ID element; and
- an ID type element.

43. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the communication data type element ~~includes~~ comprises one or more elements or sub-elements comprising:

- a list of phone number element;
- a list of email element;
- a list of web page element;
- a custom communication data element;
- a phone number sub-element;
- an email sub-element;
- a web page sub-element;
- a phone number area code sub-element;
- a phone number country code sub-element;
- a phone number full number sub-element;
- a phone number extension sub-element;
- a phone number international access code sub-element;
- a phone number number sub-element;
- a phone number type code sub-element;
- an email type sub-element;
- an email address sub-element;
- a web page type sub-element; and

a web page address sub-element.

44. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the data cleansing type element ~~includes~~ comprises a disable cleansing flag element.

45. (Currently Amended) The ~~computer-readable-medium~~ computer program product of Claim 25, wherein the payment card type element ~~includes~~ comprises one or more elements comprising:

- a payment card type element;
- a payment card number element;
- a payment card holder element;
- a payment card expiration year element;
- a payment card expiration month element; and
- a payment card verification number element.